

## SEQUENCE LISTING

<110> Bryan, Janine T.  
Brownlow, Michelle K.  
Schultz, Loren D.  
Jansen, Kathrin U.

<120> OPTIMIZED EXPRESSION OF HPV 45 L1 IN  
YEAST

<130> 21500

<150> PCT/US2004/31326

<151> 2004-09-24

<150> 60/506,812

<151> 2003-09-29

<160> 8

<170> FastSEQ for Windows Version 4.0

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<213> Human Papillomavirus Type 45

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35 40 45

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Val Asp Thr Thr Arg Ser Thr Asn Leu Thr Leu Cys Ala Ser Thr Gln		335
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 Ser Leu Val Asp Thr Tyr Arg Phe Val Gln Ser Val Ala Val Thr Cys  
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 435 440 445  
 Lys Phe Trp Thr Val Asp Leu Lys Glu Lys Phe Ser Ser Asp Leu Asp  
 450 455 460  
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<213> Human Papillomavirus Type 45

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<213> Artificial Sequence

<220>

<223> PCR Primer

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&lt;211&gt; 44

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&lt;213&gt; Artificial Sequence

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&lt;223&gt; PCR Primer

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44

&lt;210&gt; 7

&lt;211&gt; 35

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